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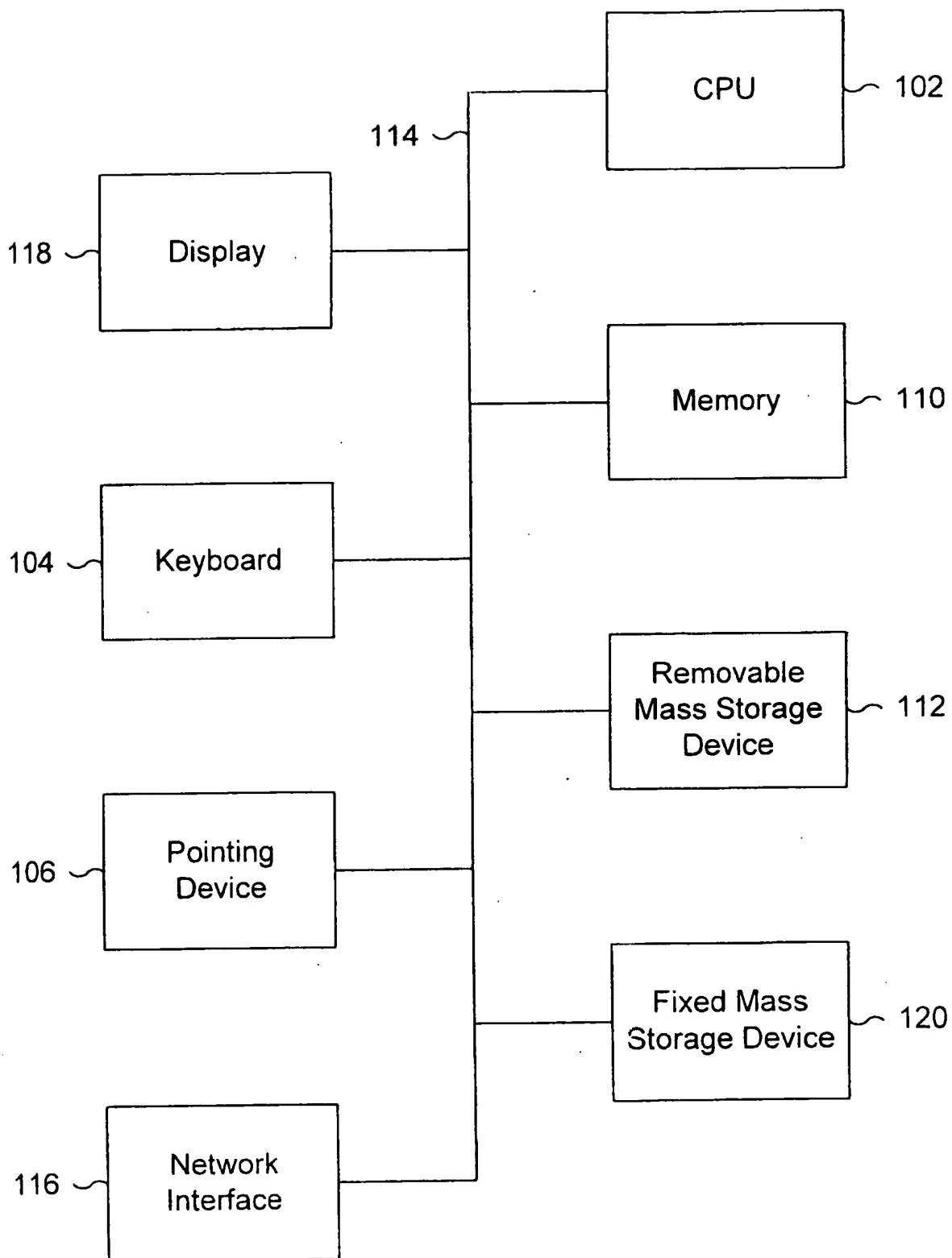


Figure 1

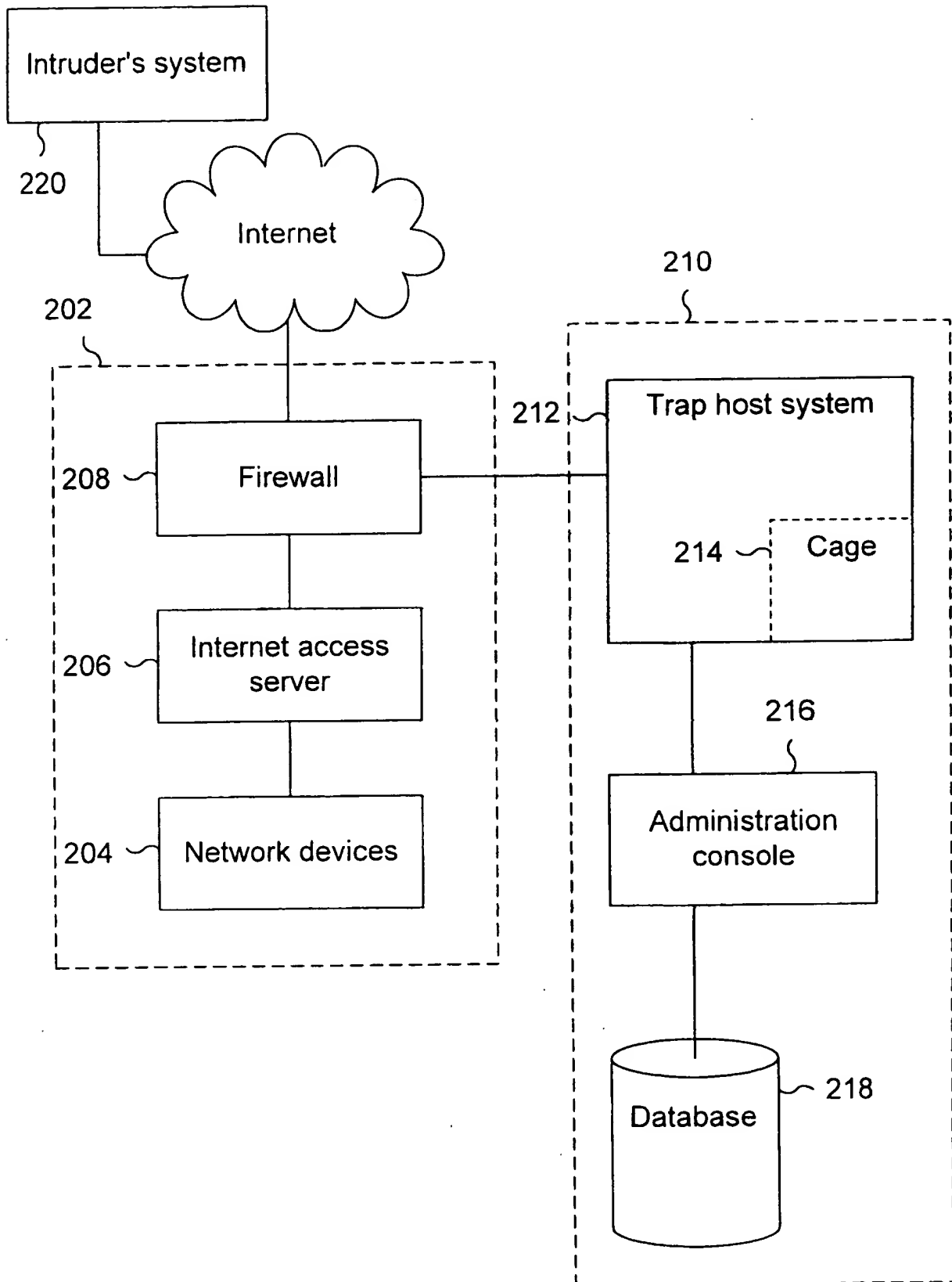


Figure 2

09641700-042301
REF ID: A4850

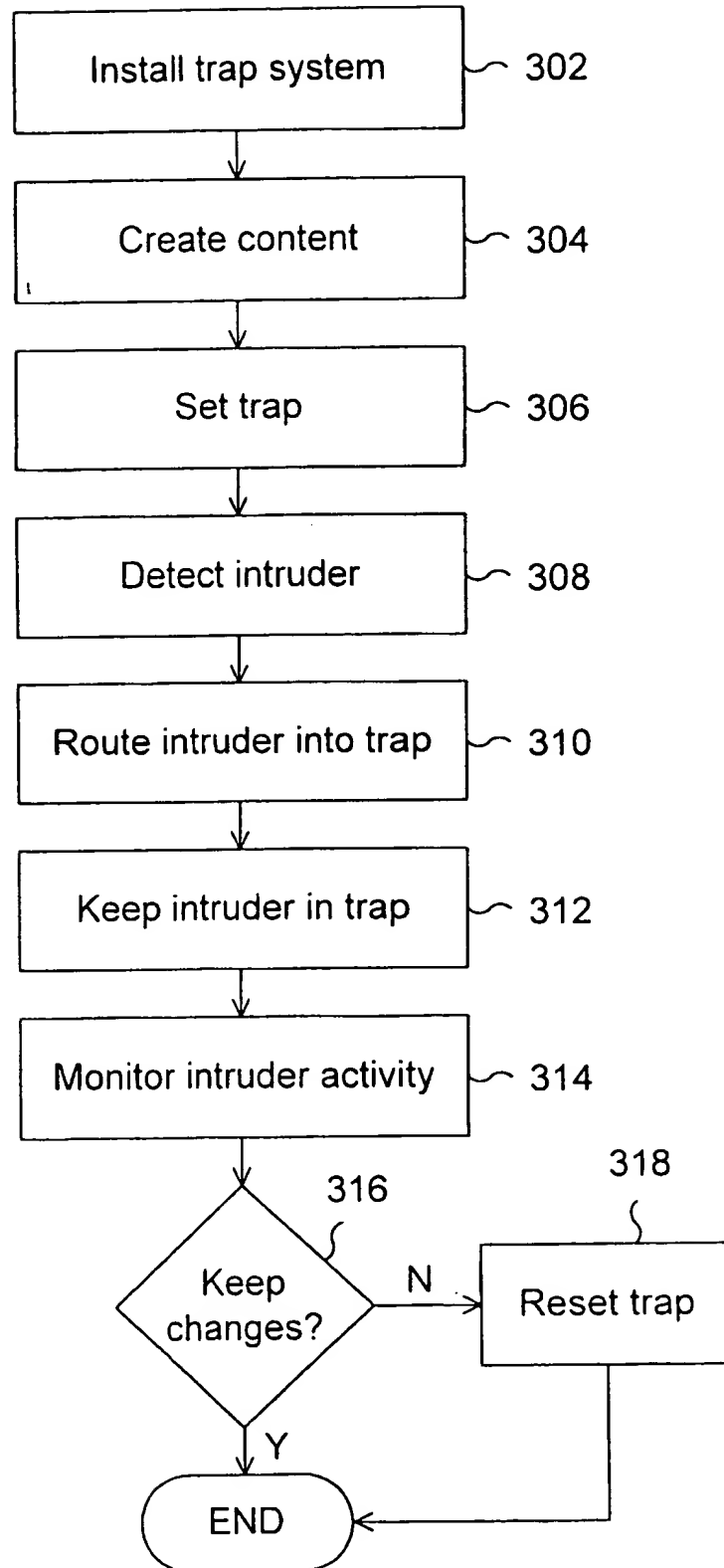


Figure 3

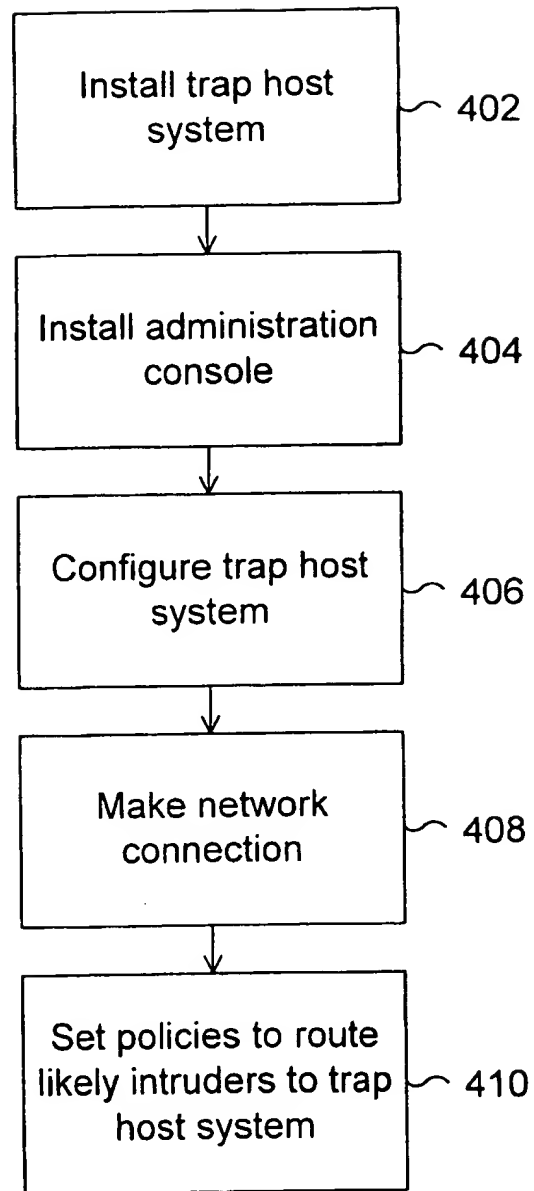


Figure 4

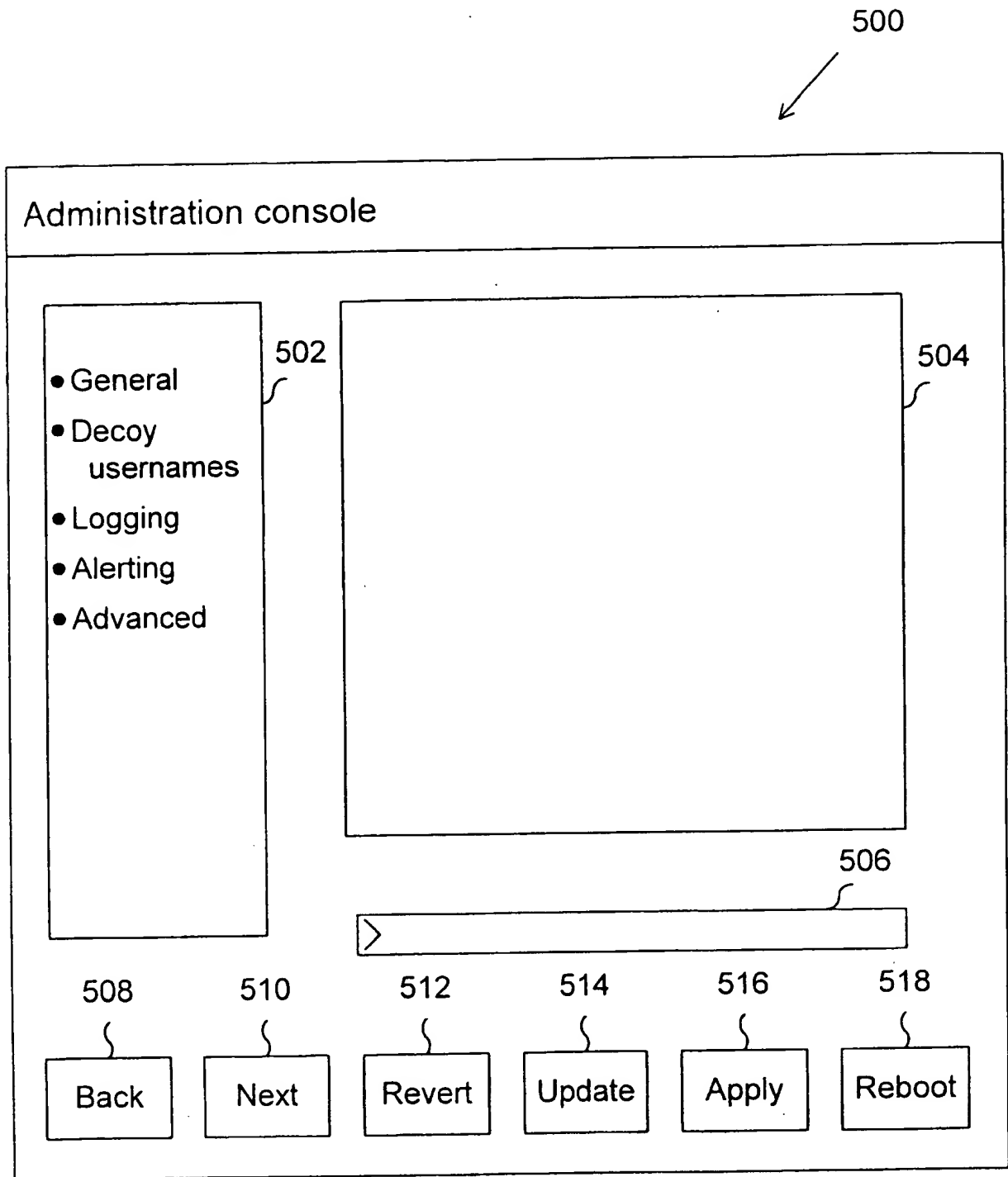


Figure 5

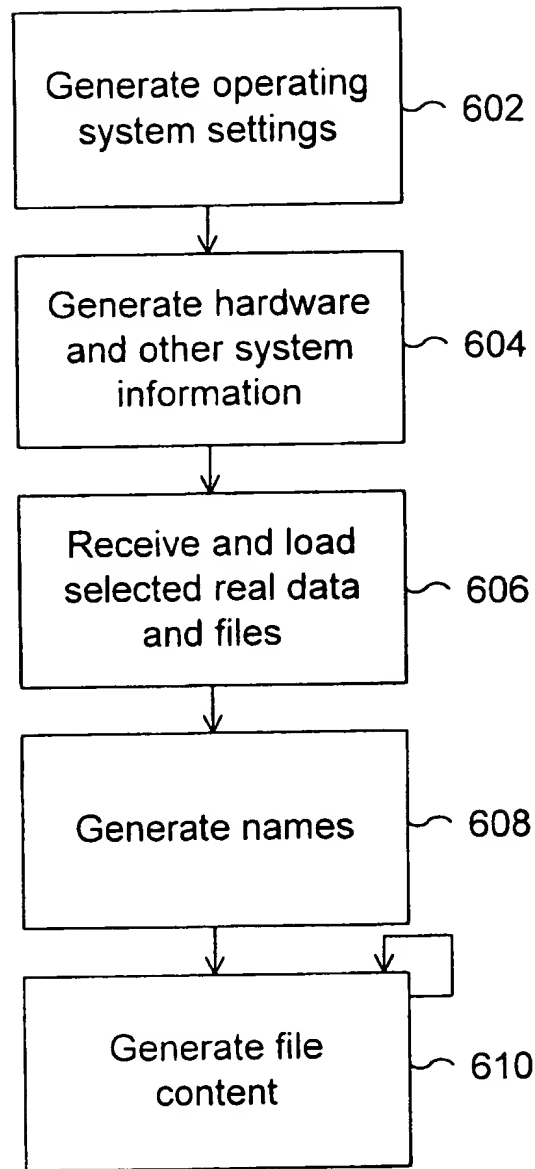


Figure 6

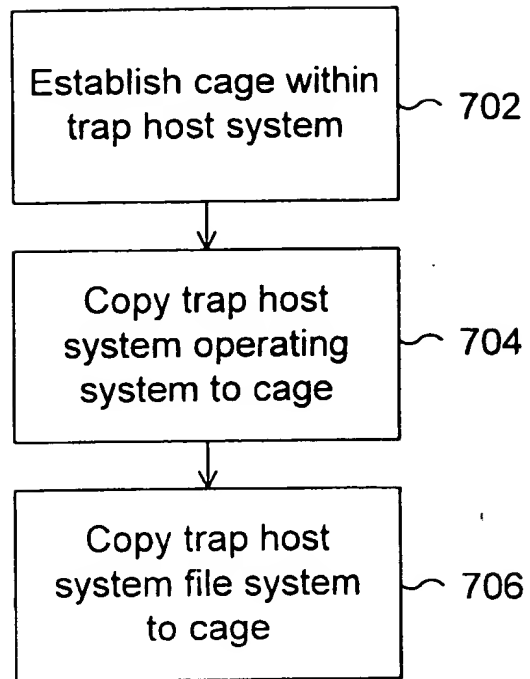
[illegible]

Figure 7

```
Telnet - 10.0.0.101
Connected  Edit  Terminal  Help

SunOS 5.7

-----
NOTICE TO USERS

Use of this system constitutes consent to security monitoring and testing.
By using this system, the user consents to any interception, monitoring,
recording, copying, auditing, inspection, or disclosure at the discretion
of authorized site or corporate personnel.

Unauthorized or improper use of this system may result in administrative
disciplinary action and civil and criminal penalties. By continuing to use this
system you indicate your awareness of and consent to these terms and
conditions of use. LOG OFF IMMEDIATELY if you do not agree to the
conditions stated in the warning.

-----
login: █
```

Figure 8

0941700-043901

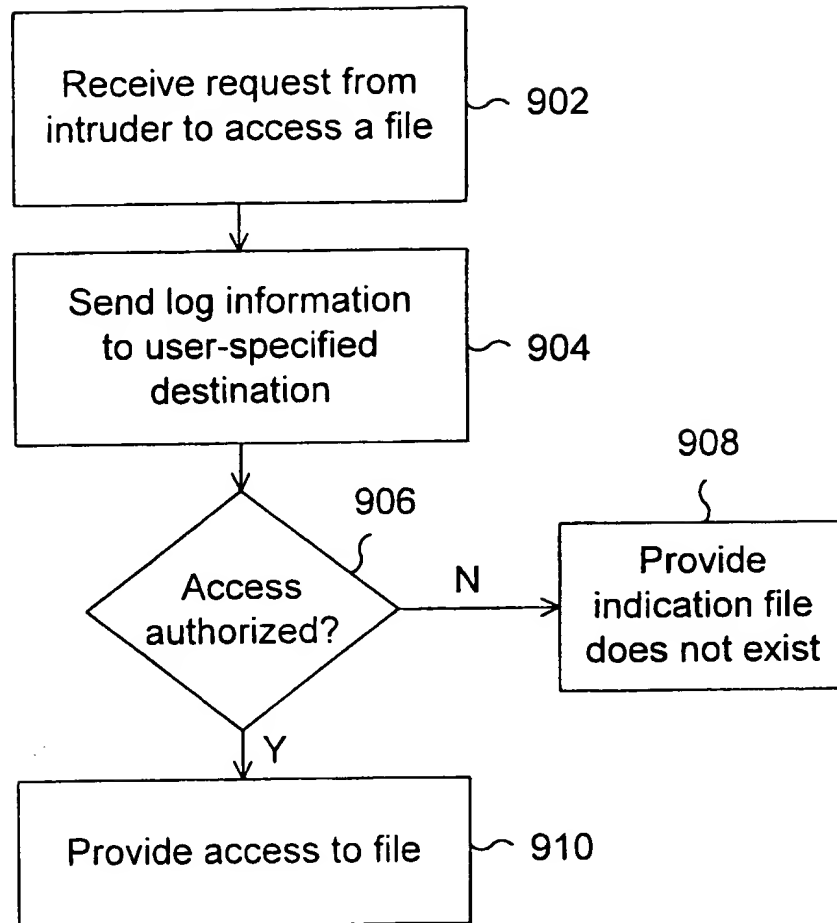


Figure 9

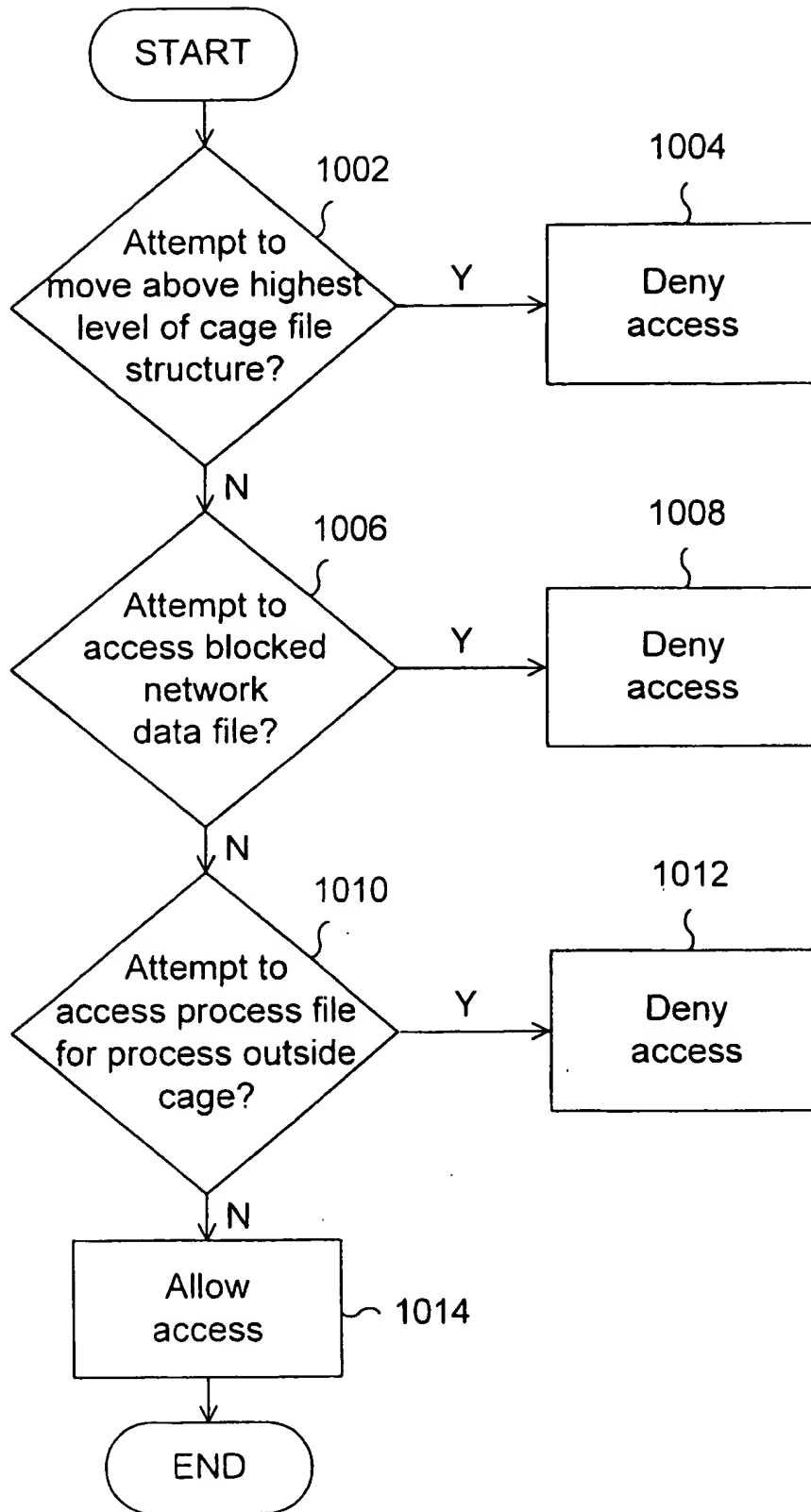


Figure 10

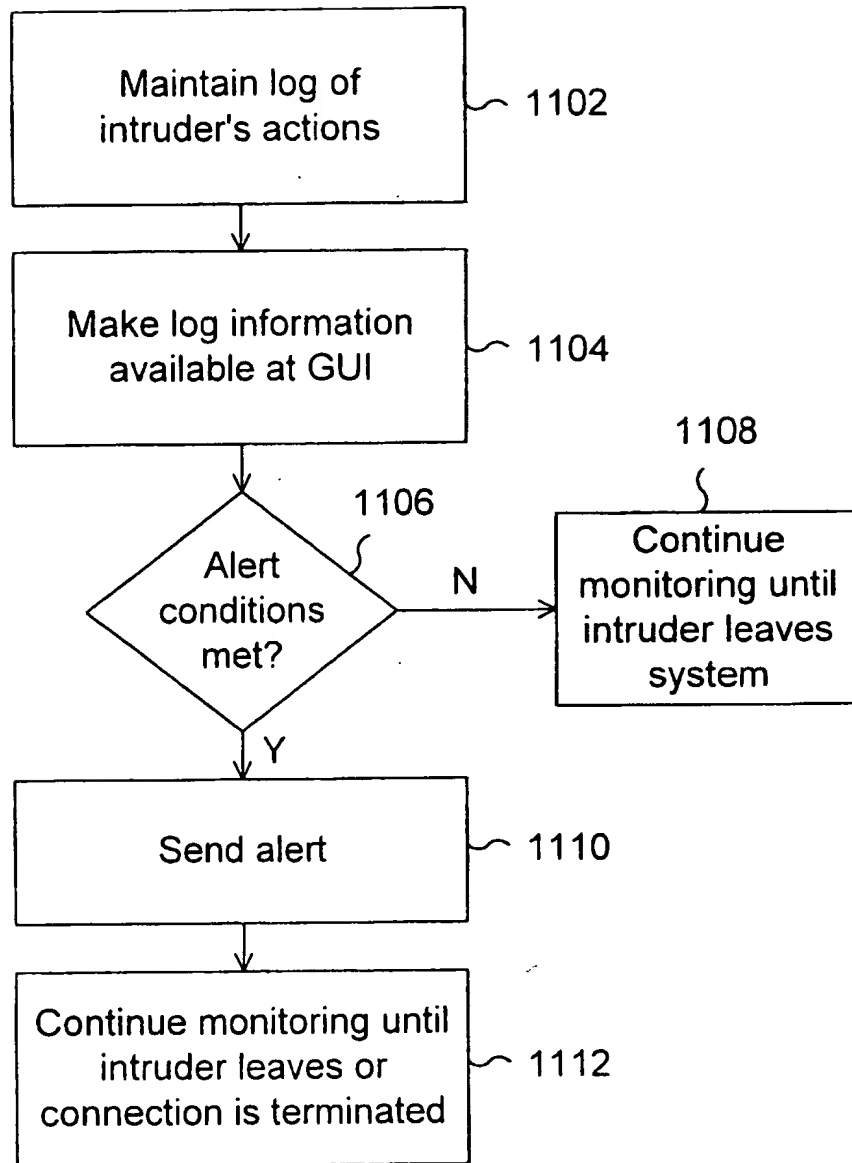


Figure11A

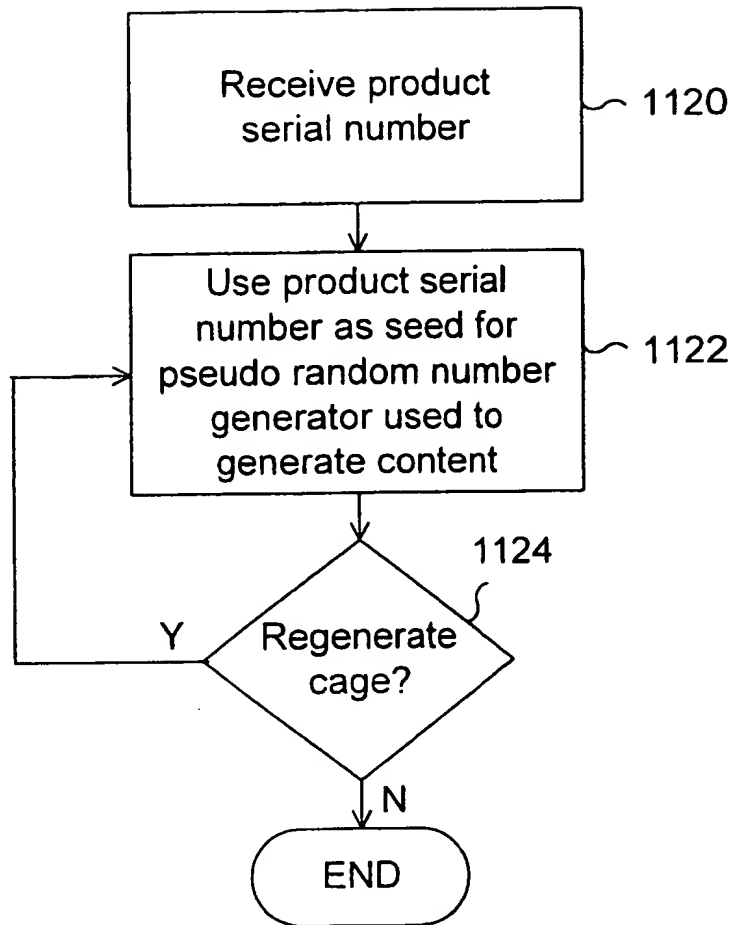


Figure 11B

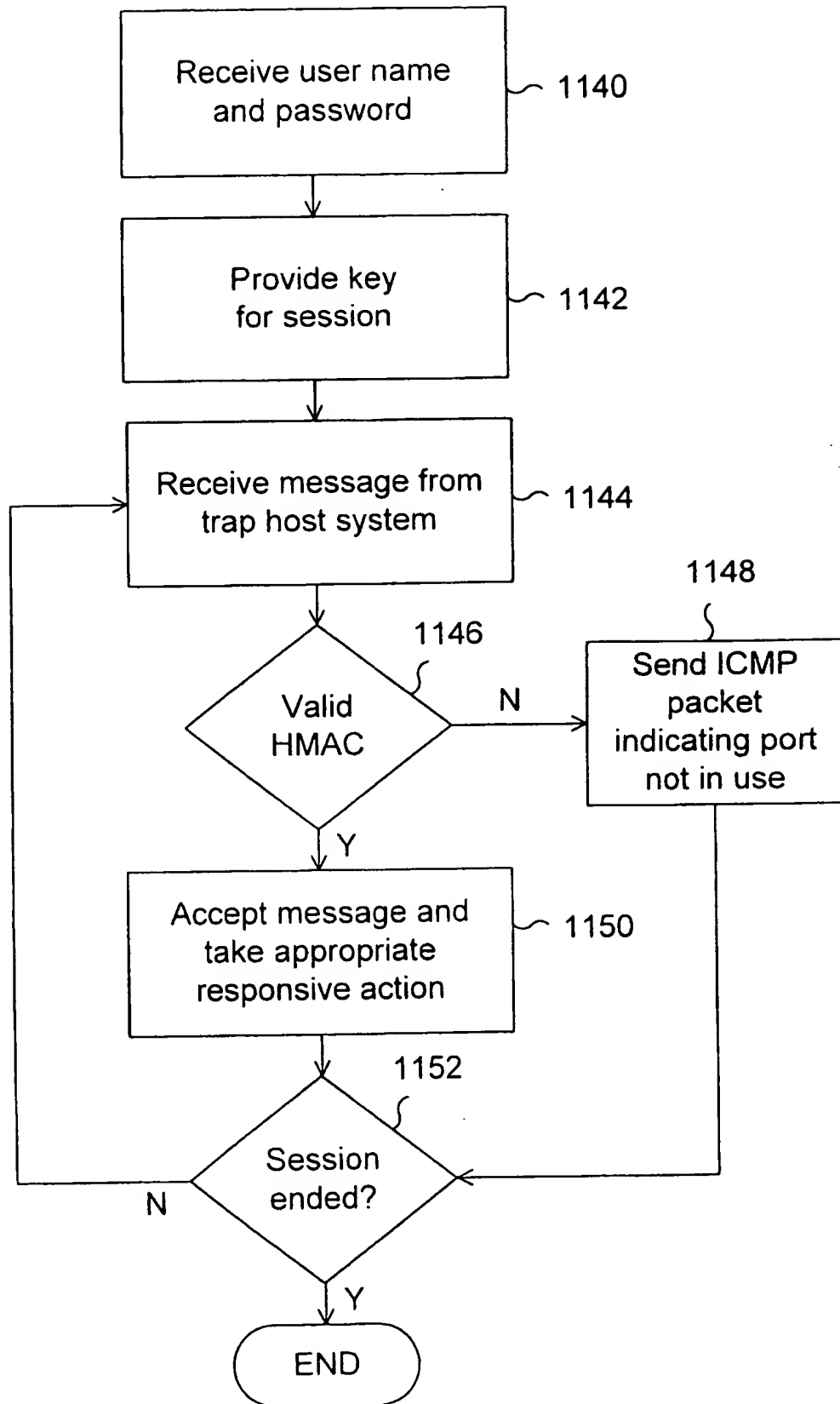


Figure 11C

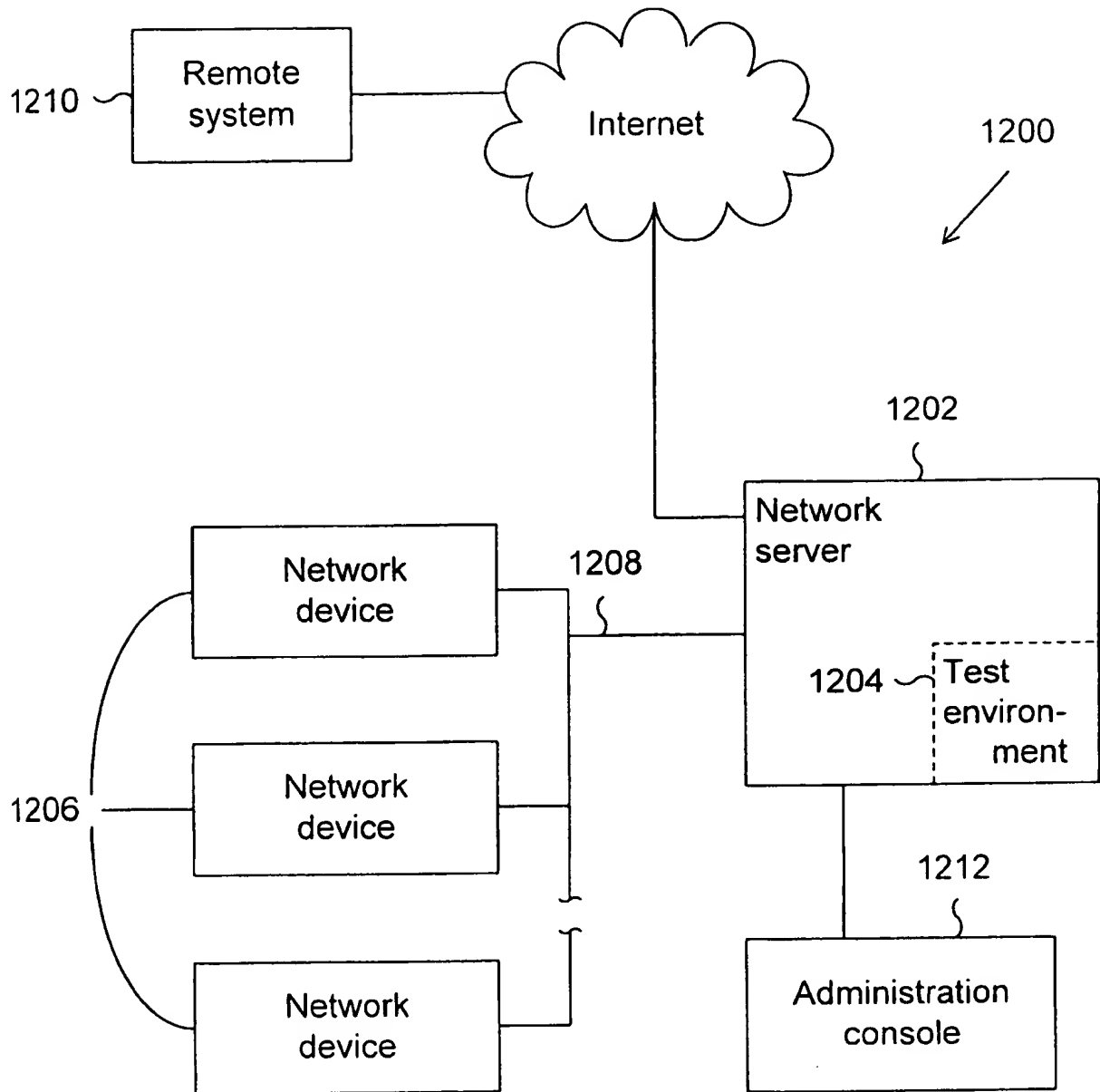


Figure 12

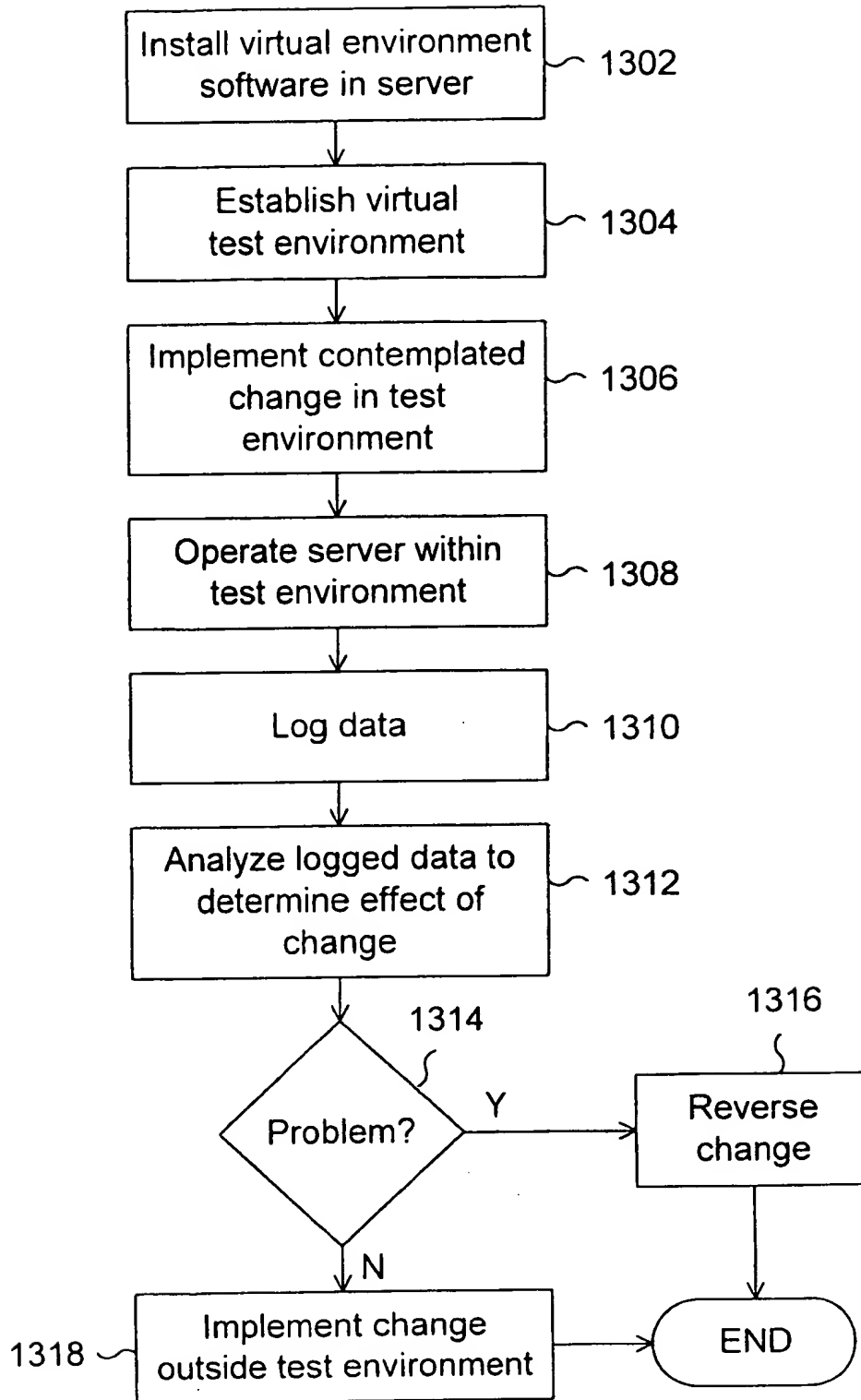


Figure 13

2024.03.06

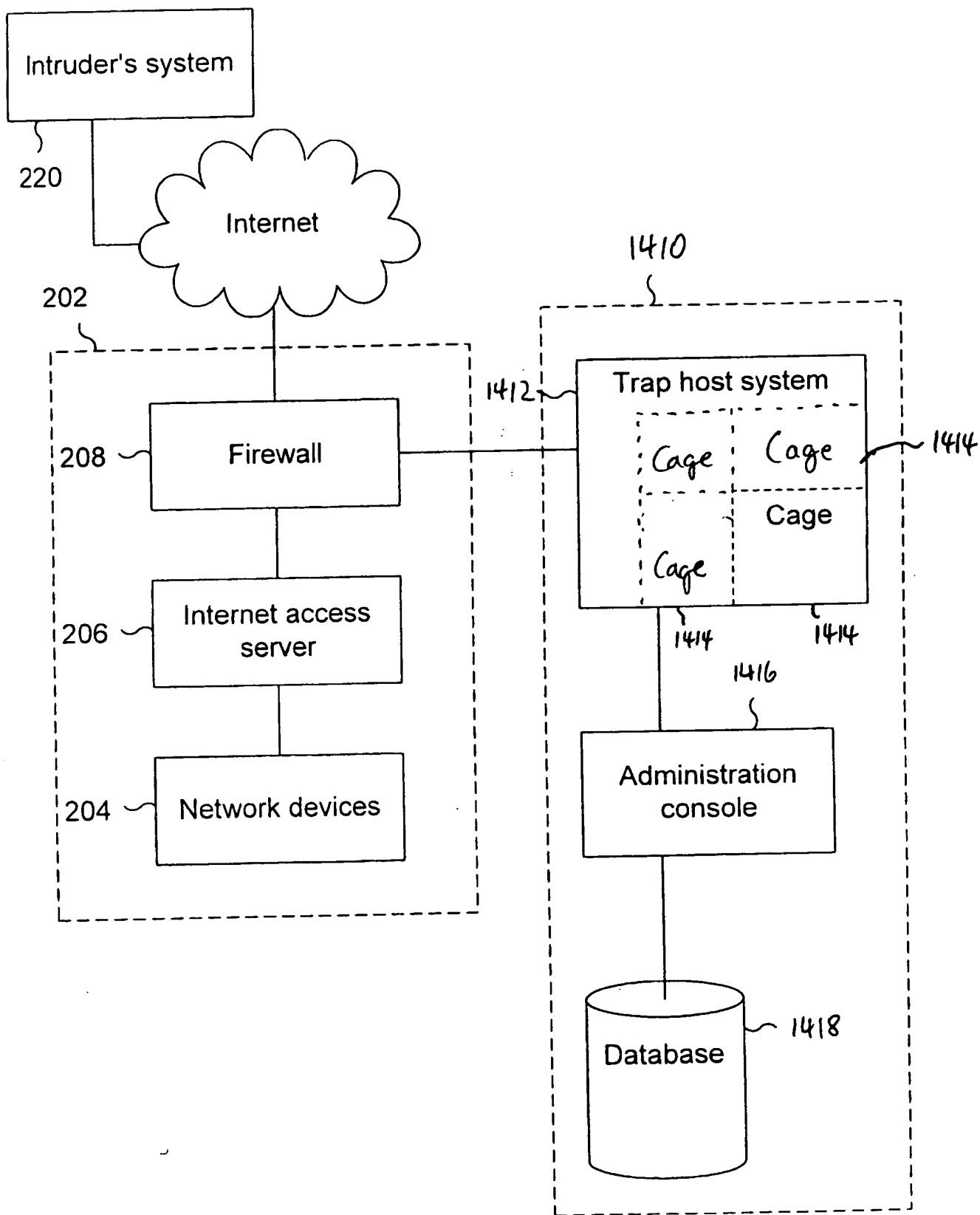


Figure 14

1500 1502 1502 1502 1502

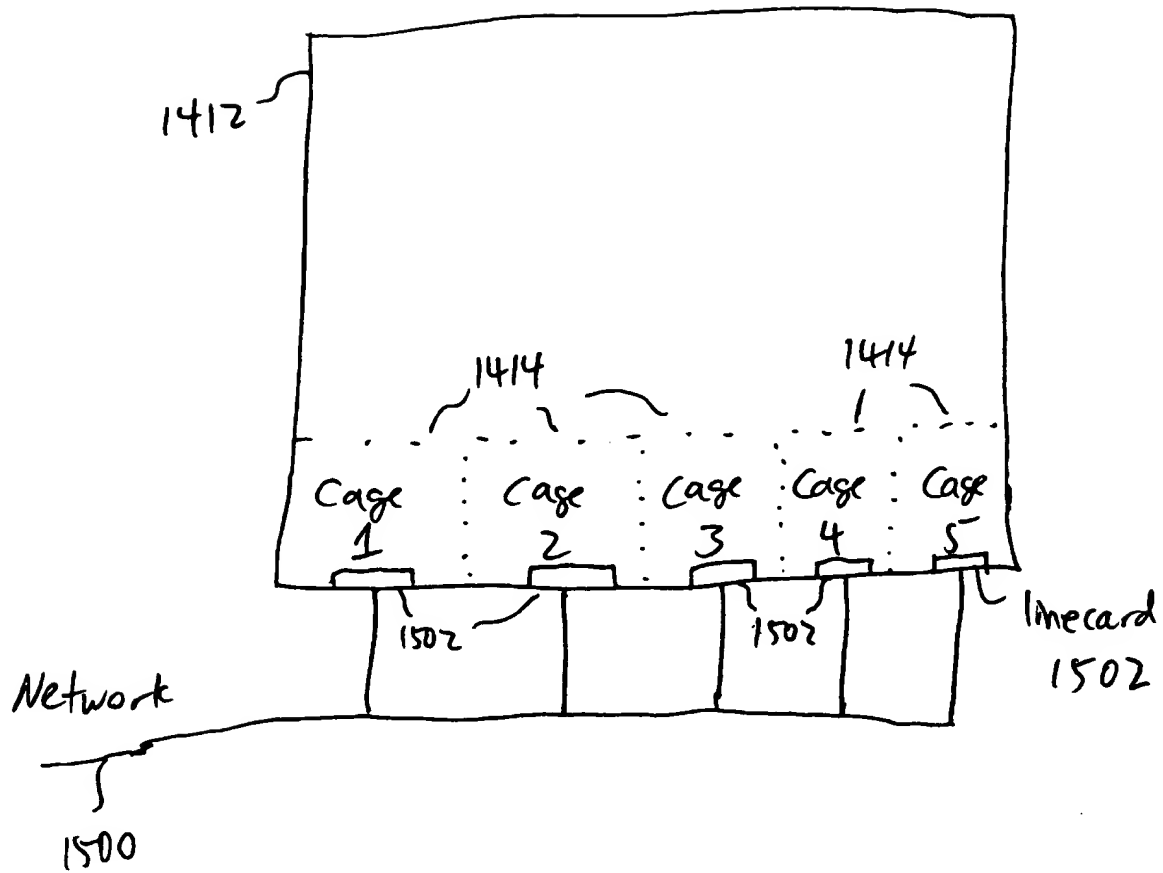


Figure 15

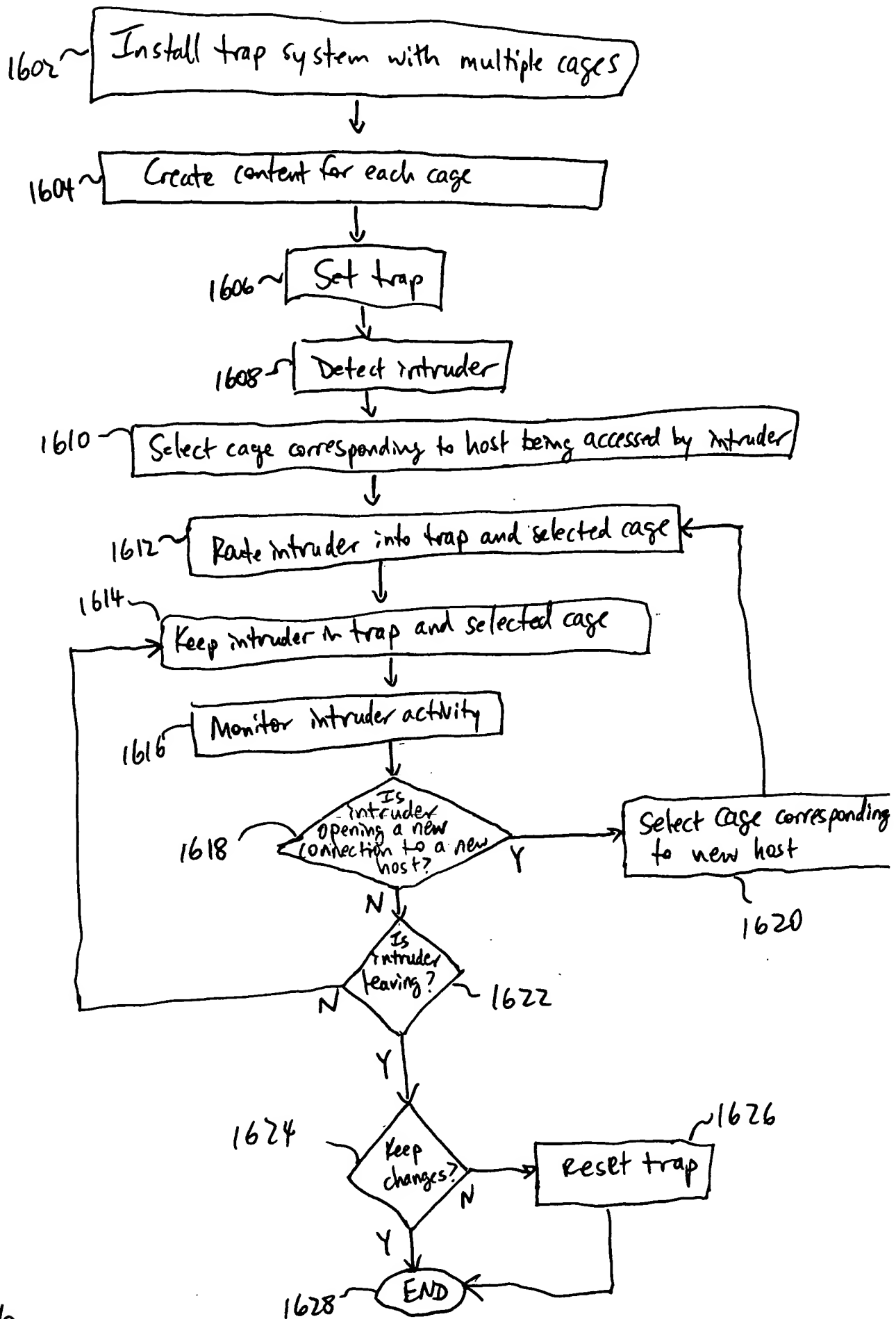


FIGURE 16

09841700 042301

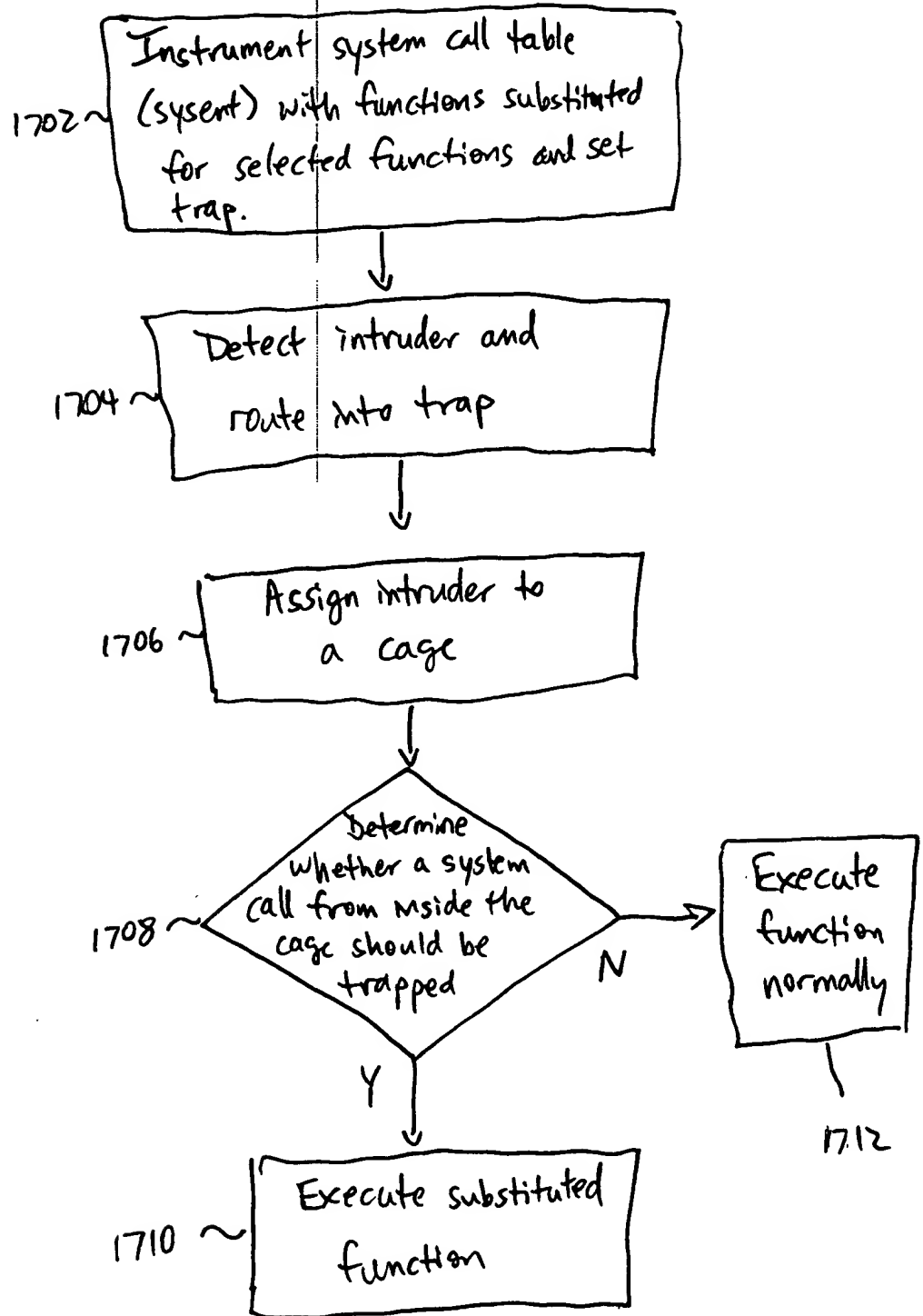


Figure 17

09241700-042301

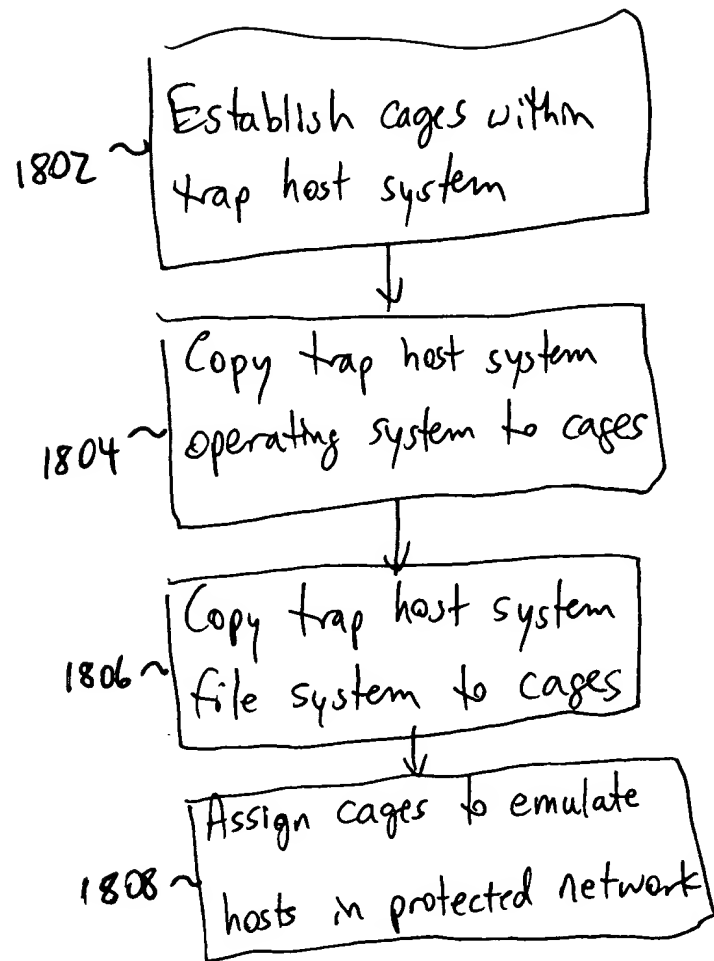


Figure 18

```

graph TD
    1902[Call to kill is issued  
kill ptd] --> 1904[Route kill call to  
substituted kill function in  
sysent - newkill]
    1904 --> 1906{Is  
process  
inside current  
case?}
    1906 -- Y --> 1908[kill  
process]
    1906 -- N --> 1910[Return error  
ENOSUCHPROCESS]
  
```

Figure 19

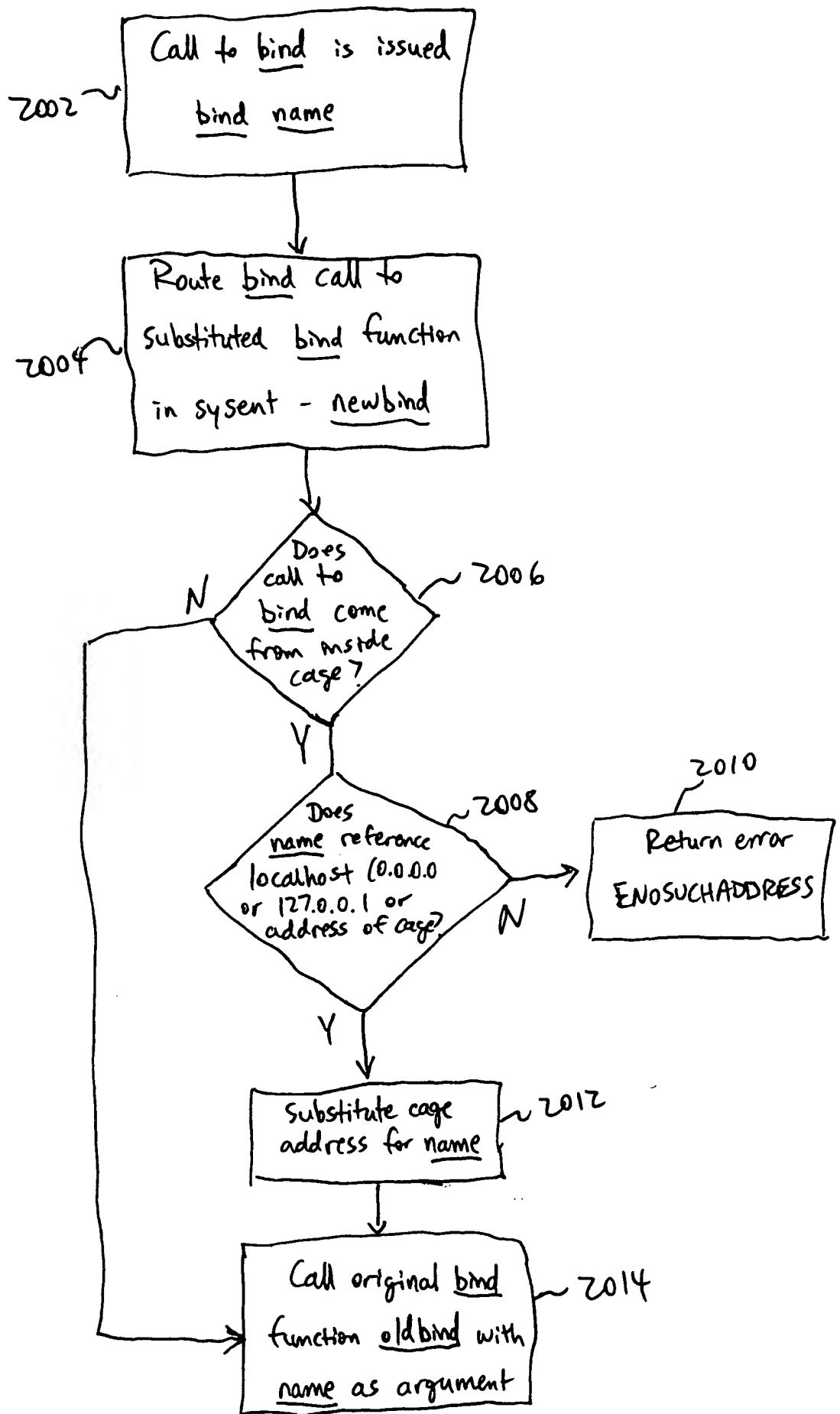


Figure 20

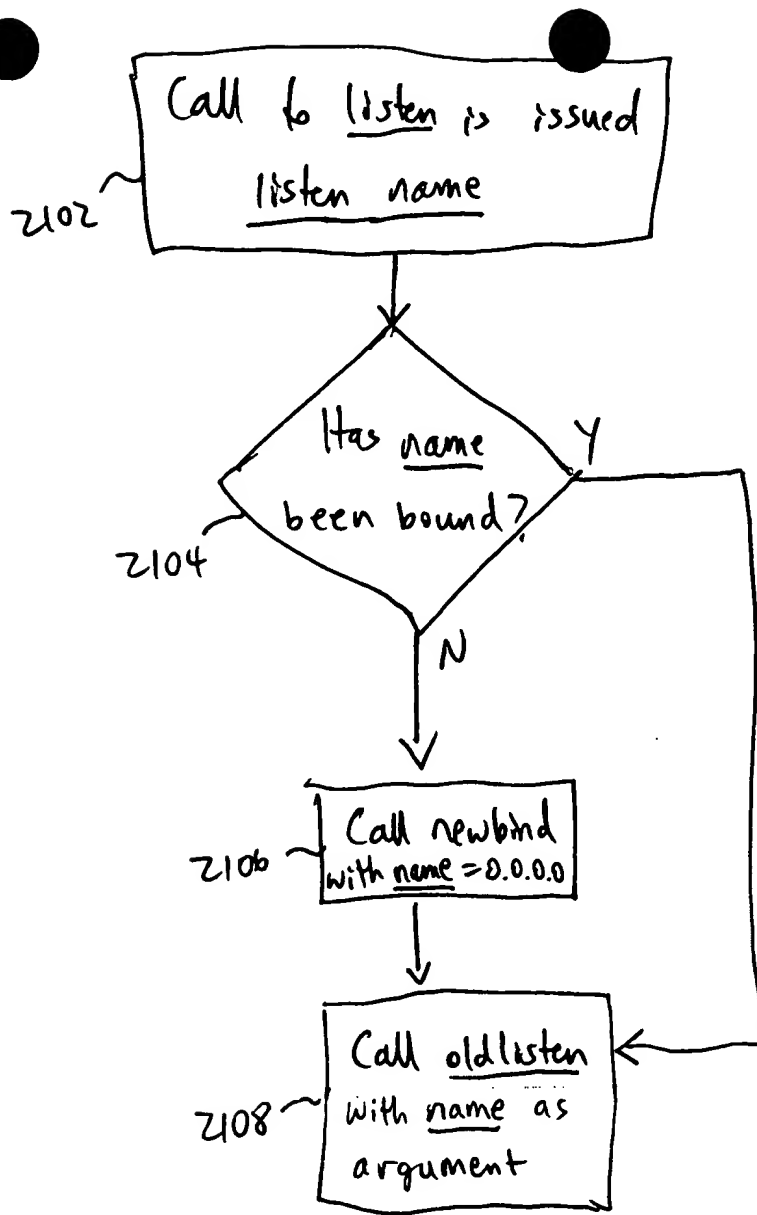


Figure 21

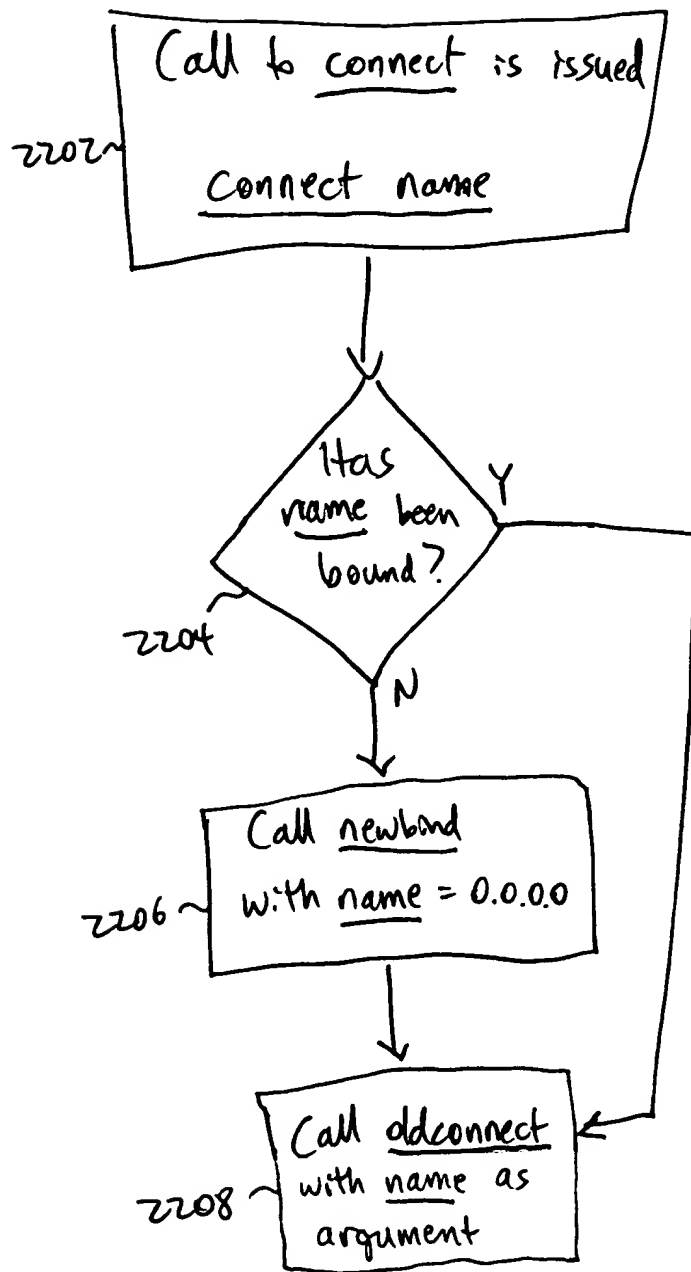


Figure 22

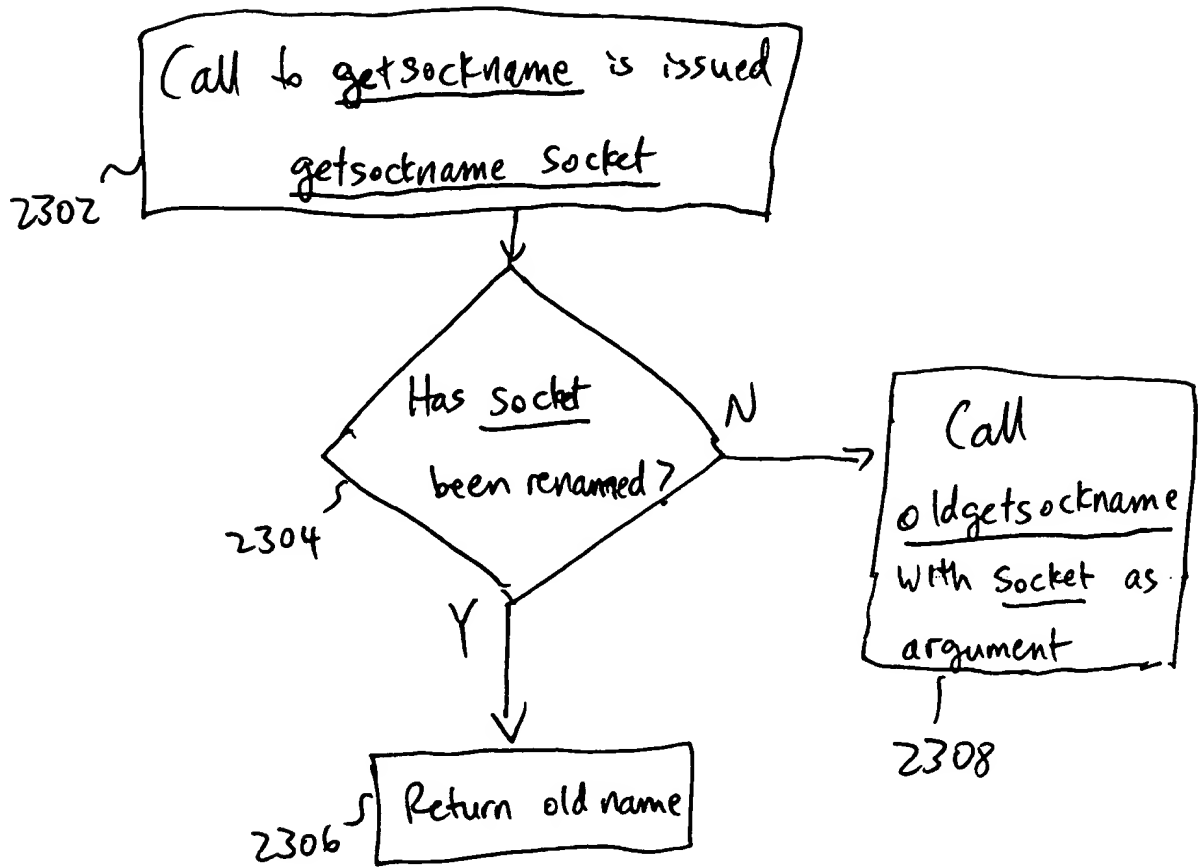


Figure 23

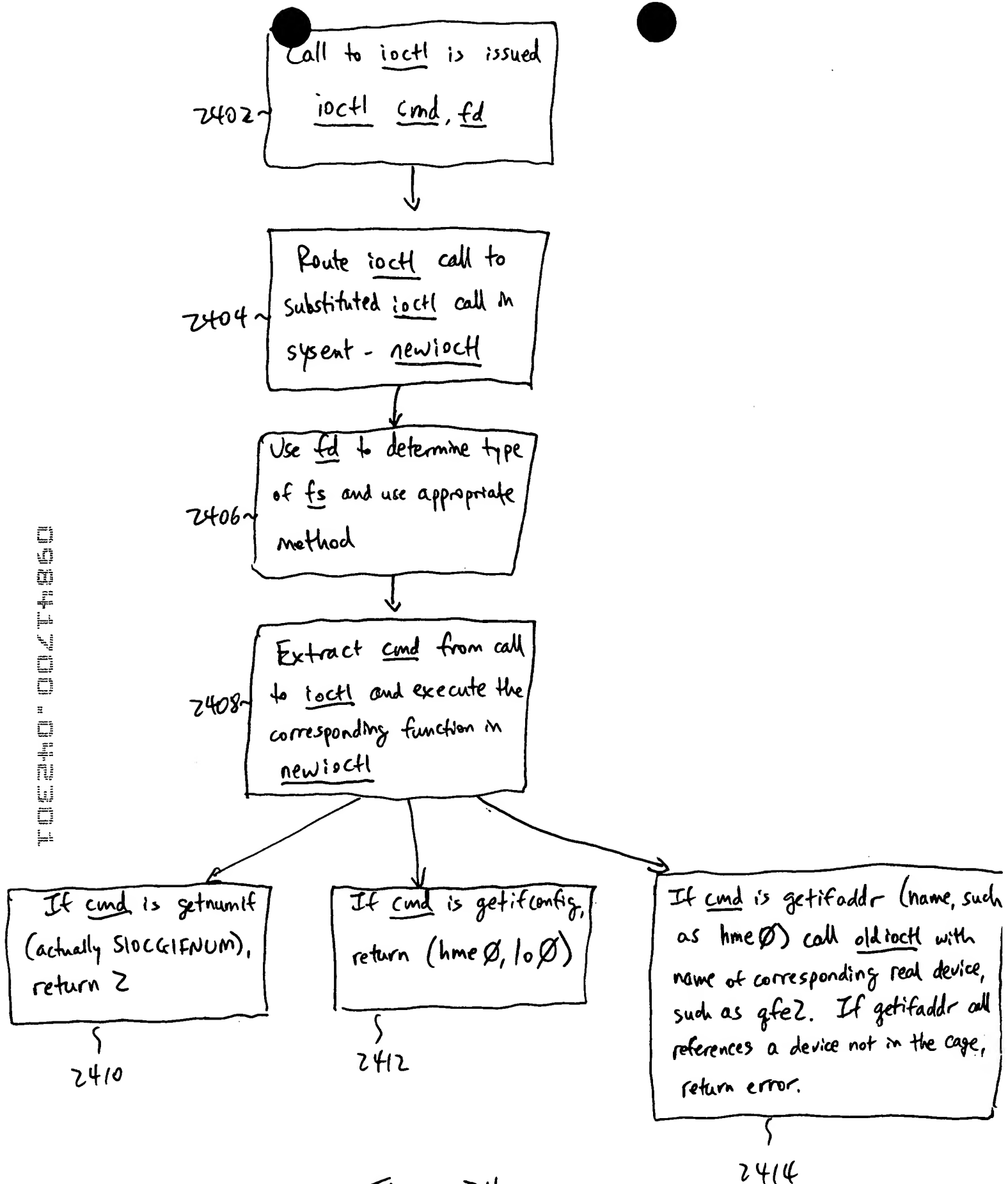


Figure 24

09241300 042304
T020200000000

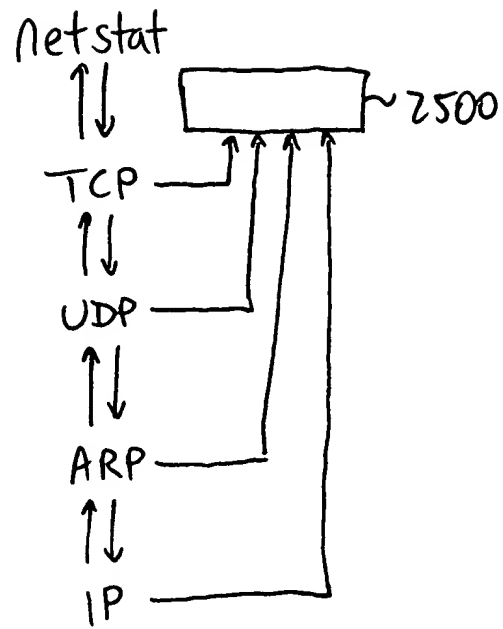


Figure 25

```

<doc>
<regexp-query>
  <name>Possible SGID Exploit</name>
  <properties>
    <priority>10</priority>
  </properties>
  <pattern>
    <next>
      <line>.*exec args=.*pid=\((\d+)\); ppid=\((\d+)\); uid=\((\d+)\); euid=
\\(\d+)\); gid=\([1-9]\d*\); egid=\(0\).*</line>
    </next>
    <next>
      <line>.*args=\([\\-\\w\\\\/ ]+\); pid=\((\d+)\); ppid=\(%1%\).*</line>
    </next>
  </pattern>
  <procmatch>
    <actionpair>
      <line>.*args=\([\\-\\w\\\\/ ]+\).*ppid=\(%1%\).*</line>
      <action>
        <highlight/>
        <delete/>
        <varop var="agg">%1%</varop>
      </action>
    </actionpair>
  </procmatch>
  <annotation>
    <text>Possible SGID Exploit: %agg%</text>
  </annotation>
</regexp-query>
</doc>

```

09641700.042304

Figure 26

```

<doc>
  <regexp-query>
    <name>Possible SUID Exploit</name>
    <properties>
      <priority>10< /priority>
    </properties>
    <pattern>
      <next>
        <line>.*exec args=.*pid=\((\d+)\); ppid=\(\d+\); uid=\([1-9]\d*\);
euid=\(0\).*</line>
      </next>
      <next>
        <line>.*args=\(.+\); pid=\(\d+\); ppid=\(%1%\).*</line>
      </next>
    </pattern>
    <procmatch>
      <actionpair>
        <line>.*args=\(.+\); pid=\(\d+\); ppid=\(%1%\).*</line>
        <action>
          <highlight/>
          <delete/>
          <varop var="agg">%1%</varop>
        </action>
      </procmatch>
      <annotation>
        <text>Possible SUID Exploit: %agg%</text>
      </annotation>
    </regexp-query>
  </doc>

```

Figure 27

```

<doc>
<regexp-query>
  <name>All Processes</name>
  <properties>
    <priority>10</priority>
  </properties>
  <pattern>
    <next>
      <line>.*proclog.*args=\(((\\-\\.\\w\\|\\ / ]+))\\).*</line>
    </next>
  </pattern>
  <procmatch>
    <actionpair>
      <line>.*args=\(((\\-\\.\\w\\|\\ / ]+))\\).*</line>
      <action>
        <highlight/>
        <delete/>
        <varop var="agg">%1%</varop>
      </action>
    </actionpair>
  </procmatch>
  <annotation>
    <text>Process started: %agg%</text>
  </annotation>
</regexp-query>
</doc>

```

Figure 28

0941700-0423401

```

<doc>
<regex-query>
  <name>Find Processes...</name>
  <properties>
    <priority>10</priority>
  </properties>
  <args>
    <args>.</args>
    <pid>\d+</pid>
    <ppid>\d+</ppid>
    <uid>\d+</uid>
    <euid>\d+</euid>
    <gid>\d+</gid>
    <egid>\d+</egid>
  </args>
  <pattern>
    <next>
      <line>.*args=\(%args%\); pid=\(%pid%\); ppid=\(%ppid%\);
uid=\(%uid%\); euid=\(%euid%\); gid=\(%gid%\); egid=\(%egid%\).*</line>
    </next>
  </pattern>
  <procmatch>
    <actionpair>
      <line>.*args=\((.+)\); pid.*</line>
      <action>
        <highlight/>
        <delete/>
        <varop var="agg">%1</varop>
      </action>
    </actionpair>
  </procmatch>
  <annotation>
    <text>Process started: %agg%</text>
  </annotation>
</regex-query>
</doc>

```

094100-043301

Figure 29

```
<doc>
<regexp-query>
  <name>All Shell-spawned Processes</name>
  <properties>
    <priority>l0</priority>
  </properties>
  <pattern>
    <next>
      <line>.*exec args=\(-sh\); pid=\((\d+)\).*</line>
    </next>
    <next>
      <line>.*args=\(((\[-\w\\\/ ]+)\)).*ppid=\(%l%\).*</line>
    </next>
  </pattern>
  <procmatch>
    <actionpair>
      <line>.*args=\(((\[-\w\\\/ ]+)\)).*ppid=\(%l%\).*</line>
      <action>
        <highlight/>
        <varop var="agg">%l%</varop>
      </action>
    </actionpair>
  </procmatch>
  <annotation>
    <text>Executed from a shell: %agg%</text>
  </annotation>
</regexp-query>
</doc>
```

Figure 30


```

<doc>
<regexp-query>
  <name>Incoming Connections</name>
  <properties>
    <priority>l0</priority>
  </properties>
  <pattern>
    <next>
      <line>.*incoming connection from=\\(.+\\).*</line>
    </next>
  </pattern>
  <procmatch>
    <actionpair>
      <line>.*incoming connection from=\\((.+):(.)\\)
to=\\((.+):(.)\\).*</line>
      <action>
        <highlight/>
        <delete/>
        <varop var= "fromip">%1%</varop>
        <varop var= "fromport">%2%</varop>
        <varop var= "toip">%3%</varop>
        <varop var= "toport">%4%</varop>
      </action>
    </actionpair>
  </procmatch>
  <annotation>
    <text>Incoming Connection From IP: %fromip% (on port: %fromport%) To
IP: %toip% (on port: %toport%)</text>
  </annotation>
</regexp-query>
</doc>

```

Figure 31

```

<doc>
<regexp-query>
  <name>Keystrokes Entered</name>
  <properties>
    <priority>10</priority>
  </properties>
  <pattern>
    <next>
      <line>.*read stream data, id=\(((\d+)\)) data=\(.+\).*</line>
    </next>
    <next fromprev="1">
      <line>.*read stream data, id=\(%1%\) data=\(.*\0[ad4].*\).*</line>
    </next>
  </pattern>
  <procmatch>
    <actionpair>
      <line>.*read stream data, id=\(%1%\) data=\(((.+))\).*</line>
      <action>
        <highlight/>
        <delete/>
        <varop var="agg">%1%</varop>
      </action>
    </actionpair>
  </procmatch>
  <annotation>
    <text>Keystrokes Entered: %agg%</text>
  </annotation>
</regexp-query>
</doc>

```

Figure 32

10984700.043301


```

<doc>
<regexp-query>
  <name>Find Monitored</name>
  <properties>
    <priority>10</priority>
  </properties>
  <args>
    <file_name>.</file_name>
    <pid>\d+</pid>
  </args>
  <pattern>
    <next>
      <line>.*monitored file opened name=\(%file_name%\)
pid=\(%pid%\).*</line>
    </next>
  </pattern>
  <procmatch>
    <actionpair>
      <line>.*monitored file opened name=\((.+)\)
pid=\((.+)\).*</line>
      <action>
        <highlight/>
        <delete/>
        <varop var="filename">%1%</varop>
        <varop var="pidvar">%2%</varop>
      </action>
    </actionpair>
  </procmatch>
  <annotation>
    <text>File Opened: %filename% (from pid: %pidvar%)</text>
  </annotation>
</regexp-query>
</doc>

```

Figure 34